

Copies to: R. L. Hall
G. W. Pickett
A. D. Kerr
C. S. Workman
W. E. Leek
J. J. Harley
J. Kowalski
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J. S. SWINNEY

Model 700-MOXE-MOXE Three-Position Safety

An economic evaluation has been completed on the proposal to re-design the present Two-Position Safety to a Three-Position Safety on the Models 700-MOXE-MOXE rifles. Presently, the bolt on these rifles can be unlocked and opened only when the safe is in the 'Fire' position. The Three-Position safe would enable the bolt to be opened in either the 'Fire' position or the new 'U' position. On the 'U' position the rifle could not fire.

The economics indicate an annual cost increase of \$4400 and an expenditure of \$25,600 for new tooling and fixturing. The full book unit cost indicates a cost increase of \$.056 for each rifle.

METHODS & STANDARDS SECTION
E. G. Carlson, Superintendent

John Polivka

By: John Polivka

JF/mc

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MODELS 700 - 40X1 - 40X2 3-POSITION SAFETY

M/700

M/40X1-40X2

		PRESENT	PRESENT		PRESENT	PRESENT
		2-POSITION	3-POSITION		2-POSITION	3-POSITION
STD LABOR		99,251	101,889		370,980	343,618
VARIANCE	10%	9,925	10,189		34,098	34,362
TOTAL STD LABOR		109,176	112,078		375,078	377,980
IND. REL	41%	44,762	45,952		150,782	154,972
DIRECT EXPENSE		1,044	1,106		3,280	3,442
ALLOCATED BURDEN	90%	10,699	10,984		36,756	37,042
MFG OVERHEAD	163%	17,796	18,269		61,138	61,611
SUB TOTAL		182,977	188,389		630,136	635,347
SLIGHT SURPLUS	12%	22,017	22,607		75,616	76,206
10% ADJUSTMENT	1%	1,835	1,884		6,301	6,350
TOTAL COST/2		207,329	212,880		712,053	717,603
COST INCREASE PER UNIT			.056			.056
FULL PRICE						

ITEM 0030271

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